USER'S MANUAL

GF 200

Welcome to Pantech GF200

Welcome to wireless mobile communication networking with our tri-band GSM mobile phone, GF200.
We, Pantech, are pleased to introduce this brand new portable handset.
Our product will always keep you connected to the network.
Thank you for choosing Pantech GF200.
The user manual explains in detail its unique features and how to use them are available.



Characteristic Specification of GF200

Display

Dual clamshell 262,000 TFT display both internal and external.

- 1.8” internal display: 28.032 mm x 35.04 mm
- 1.2” external display: 19.008 mm x 23.76 mm
- True TFT colour display
- Supports up to 262,000 colours at 128 x 160 pixels
- 8 lines for text in basic mode using 16-pixel font
- Three Soft keys with four-way scroll including selection function (OK key)
- List and grid menu

Melody

Yamaha 64 poly sound
Dynamic 3D stereo sound

Camera

Integrated VGA CCD Camera.

- Resolution to 640 x 480 (330,000 pixels)
- Self timer function (5 or 10 sec)
- Phone display used as a viewfinder
- Standard, wide (portrait) modes on external viewfinder
- Photo album in Gallery
- Photo Gallery for image storing and editing
- 3 image quality options: Fine, Normal, Low
- Flash supported

Dimension & Weight

- Weight: 85 g
- Dimensions: 81 mm x 42 mm x 22 mm

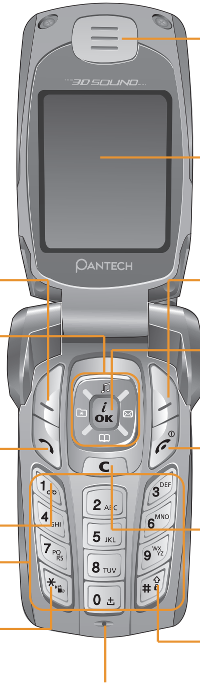
Power Management (Performance)

Battery Type	Capacity	Standby Time	Talk Time
Standard (Li-ion)	820 mAh	200 Hours	3.5 Hours

Operating Frequency

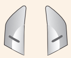
- EGSM 900, GSM 1800, and GSM 1900 networks in Europe, Africa, Asia-Pacific, North America, and South America where these networks are supported
- Automatic band switching

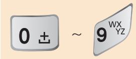
Views of Pantech GF 200





Quick & Easy

Keys	Functions
	Performs the functions shown at the bottom line of display.
	Scrolls through the menu options in Menu mode. In standby mode, Left key ( ) : Favorite list screen Right key ( ) :Text Message menu screen Up key ( ) : Profile setting menu for sound change. Down key ( ) : Contacts screen to find contact names. For details, see “Using the Shortcut Key in the Standby Mode”.
	Opens the WAP (Wireless Application Protocol) menu list if pressed shortly in standby mode Launches the WAP browser directly, if pressed and held in standby mode. Selects menu functions which store user input information, such as names, SIM memory. Also used for confirmation.
	Deletes characters from the display, or returns to previous menu. Opens Calendar view if pressed shortly in standby. Immediately starts camera capture mode if pressed and held.
	Sends or receives a call. Shows the recent call list in standby mode. Re-dials the last call number if pressed and held in standby mode.
	Completes the current call. Turns on/off the phone if pressed and held. Cancels user input and returns to standby mode while in Menu mode.

Keys	Functions
	Quickly connects to the voice mail server if pressed and held in standby mode.
	Enters numbers, letters or special characters. Goes to the dial screen if pressed in standby mode.
	For various purposes by for different functions. Enters or exits from Etiquette mode if pressed and held in standby mode. Shows the symbol input screen if pressed in text input mode. Works as in Word search mode if pressed in the Predictive text input mode.
	Enters an international dialing prefix. Enters the space character in text input mode.
	Locks or unlocks the phone if pressed and held in standby mode. Changes various text input modes if pressed and held at the text-editing screen.
	Adjusts earpiece volume while making a call, and moves the cursor upward or downward in the menu. Controls the key tone volume in standby mode if the handset flip is opened, and moves the cursor upward or downward in the menu.
	Turns camera capture mode on. Works as a camera shutter in capture mode.

Safety Precautions

Using a handset while driving is prohibited.
With regards to regulations about prohibition of handset usage while driving, please check relevant laws and regulations and comply with them

- Use of your mobile phone while you are driving may disturb your concentration and consequently cause accidents. Please turn it off as soon as possible.
- Should you use your handset in an emergency, please make use of the hands free built in your car or pull your car over to a safe place for a while for your utmost safety.
- The electronic wave energy emitting from your handset may affect the electronic devices built in your car. Please be aware of this characteristic.

Mobile Phone Use Restriction Area
Make sure to turn your handset off in handset usage restricted area.

Using a Handset in an Explosive or Dangerous Area is not Permitted
Please turn your handset off in areas with explosive or dangerous materials (such as fuel, fuel station, or chemical goods) and abide by any instructions or signals. Never try to detach your mobile phone battery from the handset in such areas, either.

Boarding an Airplane

- Please turn your handset off when you are on the airplane. The electronic wave from your handset may affect the electronic navigation device in the airplane.

Using Medical Equipment

- Please turn your handset off while you are in a hospital.
- Please abide by the regulations or rules of the hospital.
- Please turn off your handset when using medical equipment for private purposes if possible. You should consult with the manufacturer or an expert regarding phone usage near medical equipment.

Installing a Vehicle Hands Free

- Please keep the vehicle hands free away from the steering radius, and air bag expansion range, or otherwise injury may result.

Effect of Mobile Phone and Electronic Device

- Few electronic devices may be affected by the electronic wave emitting from the mobile phone in service. Please be careful.

Menu Tree (GF200)

Messages	Text Messages	Write New	
		Inbox	
		Outbox	
		Saved Box	
		Text Templates	
		Settings	Message Centre
			Message Lifetime
			Message Type
		Memory Info	
	Multimedia Msgs.	Write New	
		Inbox	
		Outbox	
		Saved Box	
		MMS Templates	
		Settings	Msg Lifetime
			Auto Download
			Delivery Reports
			Delivery Rep. Allow
			Read Reports
			Read Rep. Allow
			Spam Filter
		MMS Profiles	
		Memory Info	
	Broadcast	Receive	
		Read Message	
		Topic List	Current Topic
			Add My Topic
		Language	
	Voice Mail	Call	
		Voice Mail Number	
Contacts	Search	Name Search	
		Group Search	
		Photo Search	
		Service Number *	
	Add Contact		
	Speed Dial		
	Groups		
	Memory in Use	Phone or SIM	
		SIM Card	
		Phone	
	Delete All	Phone	
		SIM Card	

	Memory Info		
Call Logs	Missed Calls		
	Received Calls		
	Dialled Calls		
	Delete Call Logs	Missed Calls	
		Received Calls	
		Dialled Calls	
		All Calls	
	Call Timer	Last Call Time	
		Received Call Time	
		Dialled Call Time	
		All Call Time	
		Reset Call Times	
	Call Cost	Last Call Cost	
		All Call Cost	
		Clear Logs	
		Max Cost	
		Cost Unit	
	GPRS Info	Current Info	
		Last Info	
		All Info	
		Clear Logs	
Fun & Tools	Camera	Take a Photo	
		Take a Video	
		Photo Gallery	
		Video Gallery	
		Settings	Image Size
			Image Quality
			Shutter Sound
			Flash
			Self Timer
			Auto Save
			Time Stamp
			Multi-Shot
			Sub Capture Mode
			Preview Mode
	Media Gallery	Photo Gallery	
		Video Gallery	
		Image Gallery	
		Sound Gallery	
		Memory Info	

	Games		
	Java	Midlets List	
		Memory Info	
	Auto Answer	Auto Answer	
		Recorded Message	
		Response Message	
		Response Time	
		User Message	
	Voice Memo		
Profiles	Normal	Ring Tone	
		Message Alert	
		Key Tone	
		Flip Open Tone	
		Sound Effect	
		Profile Name	
		Reset	
	Silent		
	Meeting		
	Outdoor		
	Car		
Settings	Display Settings	Main Screen	My Wallpaper
			Wallpaper Type
		Sub Screen	My Wallpaper
		Style Theme	Wallpaper Type
		Greeting	Startup
			Idle
		Back Light	
		Service Light	
		Voice Light	
		Software Version	
	Sound Settings	Ring Tone	
		Message Alert	
		Key Tone	
		Flip Open Tone	
		Sound Effect	
	Call Settings	Call Divert **[N]	All Calls
			When Busy
			On No Answer
			When Not Found
			Cancel All
		Answer Type	
		Auto Redial	
		Call Waiting	Activate
			Deactivate
			Status
		Send Caller ID	
		Own Number	

	Language		
	Time & Date		
	Favorite		
	Network Selection		
	Security Settings	SIM Lock	
		Change PIN	
		Phone Lock	
		Change Lock	
		Application Lock	
		Call Barring	nternational Calls
			Only Local/Home
			Incoming Calls
			Incoming Calls when Abroad
			Int. Calls Except to Home Country
			Clear All
			Change Password
		CUG	
		Fixed Dialling	
		Change PIN2	
	System Reset		
Organiser	Alarm		
	Calendar		
	Memo		
	World Time		
	Calculator		
	Converter		
	Stop Watch		
	Timer		
Connectivity	WAP	Home	
		Resume	
		Bookmarks	
		Push Messages	Inbox
			Receive Mode
		Go to URL	
		Profiles	
		Cache	Cache Mode
			Clear Cache?
		Version	
	Infrared Port	Internet Connection	
		PCSync Connection	
		Deactivate	
SIM Toolkit			

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GETTING STARTED

BASIC FUNCTIONS

APPLICATIONS

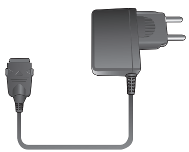
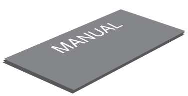
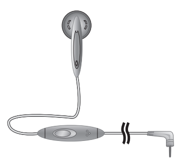
ADVANCED

APPENDIX

GETTING STARTED

1. Package Contents
2. Views of Pantech GF 200
3. Internal & External Displays
4. SIM Card
5. Using the battery

Package Contents

		
Phone	Battery	Travel Charger
		
manual	Hand Strap	Ear Microphone

Internal & External Displays

This handset has 2 displays (internal and external) and icons on the top of the display indicate phone condition status.

Internal Display



Icons Area
Text and Graphic Area
Display in standby screen with information
Area Information through cell broadcast service
Network Name, Time and Date, or Standby
Soft key Indications
Soft key Indications

Icon(s)	Description
	Shows received signal strength. The greater the number of bars, the stronger the signal.
	A call is being made.
	Out of the coverage area. You cannot make or receive a call.
	You have a new voice message.
	You have a new text message. If the text message memory is full, the icon will look like 

Icon(s)	Description
	You have a new multimedia message. If the multimedia message memory is full, the icon will look like 
	Out of the home network range.
	Within the GPRS range. When GPRS session is in progress, the icon will look like 
	You have a new or WAP push message. If the WAP push memory is full, the icon will look like 
	Call diverting feature is activated
	You have set the alarm.
	You have set the schedule with an alarm notice at a specified time
	Infrared port is activated. During data transmission through the Infrared port, the icon will look like 
	You have set the alert type for incoming call to ring only.
	You have set the alert type for incoming call to ring ascent.
	You have set the alert type for incoming call to ring and vibrate.
	You have set the alert type for incoming call to vibrate then ring.

Icon(s)	Description
	You have set the alert type for incoming call to quiet (7- colour LED flashes for incoming call alerting).
	You have set the alert type for incoming call to vibrate only.
	You have set the alert type for all tones to quiet and for all rings to vibrate only.
	Headset is connected.
	A new voice mail has been received.
	Auto-answering feature is activated.
	Battery level. The bar indicates available battery charge. If your battery charge is low, this icon will look like 

Display Off Mode.

If you do not press any key with in a minute while the internal and external displays are dimmed, the internal display goes into Off Mode to save power. Press any key to restore the display.

Selecting Functions and Options.

The handset provides several customisation functions, which are arranged in menus and sub-menus. You can access these functions using the three Soft keys ([ ], [ ] and [ ] key).

Each menu and sub-menu allows you to view and change the settings of the particular function.

The soft key function varies depending on the current context; the labels or icons at the bottom line of the display indicate the current function.

To view various functions/options available or select the one that is required:

1. Press the appropriate Soft key.
2. To select the function displayed or option highlighted, press the [ ] Press a Soft key or [ ] Soft key.
3. To highlight the next option on a list press the Up key or Down key.
4. To move back to the previous function or option on a list, press the [ ] key
5. To return to Standby Mode, press the [ ] key.

In some functions, you may be prompted for a password or PIN. Enter the required code and press the [ ] Soft key.

External Display

You can use several menus even through the folder is closed. The following section describes the external display screen display and easy-to-control external menus and their functions.

Side Up	- Adjusts the earpiece volume and moves the cursor up in the menu during a call. - Mutes the ring tone if pressed at an incoming call. - Rejects the incoming call if pressed at an incoming call. - Turns the flash on if pressed and held. - Starts scrolling if pressed while in the external menu screen.
Side Down	- Adjusts the earpiece volume and moves the cursor down in the menu during a call. - Mutes the ring tone if pressed at an incoming call. - Rejects the incoming call if pressed at an incoming call - Goes to the external menu screen if pressed and held (Shown with Profiles/Recent Calls/Inbox/Infrared Port) - Starts scrolling if pressed in the external menu screen.
Extra Key	- Turns the camera capture mode on, if pressed and held. - Works as a camera shutter in the capture mode. - Selects a menu or moves to the sub-menu, if pressed while in the external menu. - Exits from the menu screen and returns to the standby screen if pressed and held while in the external menu screen.

External Menu List

Press and hold the side volume [ ] key in standby mode.

- Profiles: Selects a menu among Normal, Silent, Meeting, Outdoors, or Car.
- Recent Calls: Lists the recent calls.
- Inbox: Lists incoming SMS messages.
- Infrared Port: Activates or deactivate the infrared port.

Side Key Special Functions.

1. Snap Shot

Close the folder to initiate the camera function.
Press and hold the side [ ] key to activate the camera shoot mode. Press the [ ] key again to take a photo. And then, the image shot will be displayed in the screen. At this time, press the [ ] key to save the picture with auto naming. In the View mode, press the [ ] side key to return to the camera capture mode.
Press and hold the [ ] key to move to standby mode.

2. Flashlight on

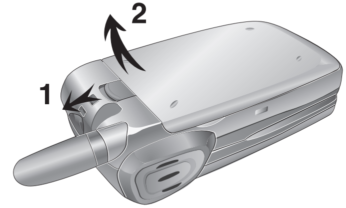
You can use the handset as an emergency light.
Press and hold the Side volume [ ] key in standby mode. The camera flash is lit automatically for 10 seconds. Press the [ ] key or [ ] key to turn the flash off

SIM Card

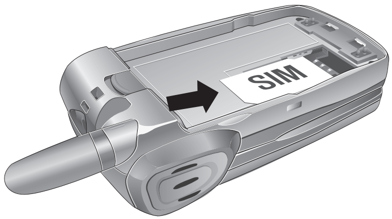
When you subscribe to your network operator, you will get a SIM (Subscriber Identity Module) card containing your registration information. (PIN, the existence of additional service, and so on).
Like a credit card, it should be kept secure and handled carefully.
Do not bend, scratch or expose to moisture.
Avoid static electricity.
To avoid memory corruption of your SIM card, always switch off your phone before removing or inserting your SIM card.

Installing/Removing the SIM card

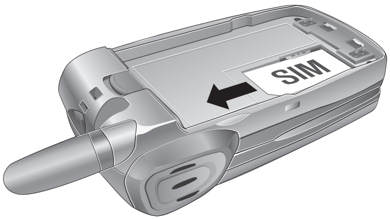
1. Remove the battery from the unit.



2. If the SIM slot is empty, insert the SIM card into the slot.



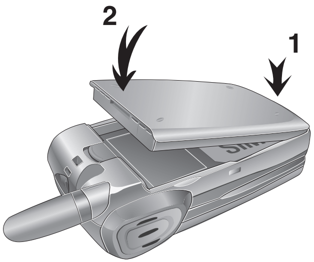
3. If you want to remove the SIM card, push the SIM card in the arrow direction as shown in the below picture.



Installing the battery

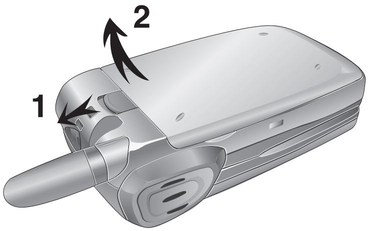
Put the contacts of the battery into the hole located at the bottom of the unit, as shown in the below figure.

Press the upper side of the battery until you hear a “click” sound.



Removing the battery

Push up the battery lock button and remove the battery.



Charging the battery

- This handset uses a Li-ion battery. Make sure to use an authorized battery and charger only. For more details, please inquire at your nearest dealer.
- You can use the handset during battery recharging.
- When the battery is mounted on the handset, open the cover located at the bottom of the handset and connect the adapter. An adaptor is provided with the handset.



- If recharging is completed, detach the adaptor connection from the outlet.



Tip

Your handset is powered by a Lithium Ion (Li-ion) battery.
You can use the following Li-ion battery types for your handset.
(Contact your local dealer for more information.)
Standard-type battery.
Slim-type battery.

Precautions while Using the Battery

- Do not use a damaged battery or charger.
- Use the battery for the specified purpose only.
- The closer you are to the base station, the longer the handset usage time because less battery is consumed for the connection.
- Battery charging time varies depending on the remaining battery capacity and the battery and charger type in use.
- Battery life is shortened as time passes by.
- Use authorized battery and charger only.
- Since overcharging may shorten battery life, remove the battery from its charger once it is fully charged. Unplug the charger once charging is complete. Leaving the battery in hot or cold places, especially inside a car in summer or winter, may reduce the capacity and life of the battery. Always keep the battery within normal temperatures.
- Do not ground the battery. Grounding may occur when the battery is in contact with a conductive object. A grounded handset may also damage the battery.
- Dispose and recycle used batteries in accordance with local regulations.
- Do not dispose of the batteries in a fire.
- Do not use an unauthorized charger.
- In order to prevent injury or burns, ensure that metal objects do not come into contact with the + and – terminals of the battery.

BASIC FUNCTIONS

Switching the Phone On

1 Open the folder.

2 Press the [ ] key until the phone switches on.

3 If the handset requests you to input the PIN, enter the PIN and press the [ ] Soft key.(For further details, see Menu 6.7)

Your handset starts to search for an available network and the current date and time will appear on the internal and external displays. Once connected to the network, you can send or receive a call.

If a malfunction occurs while using the handset or it is not turned on, remove the battery and install it again after 5 or 10 seconds.

NOTE
To change the language, use the Language menu option (Menu 6.3).

Switching the Phone Off

To switch the phone off, press the [ ] key until the power-off animation displays.

Making a Call

Enter the area code and the phone number to make a call in standby mode, and press the [ ] key.

NOTE
If you have set the [Auto redial] option (Menu 6.2.3) to [On], the handset will attempt to make a call automatically for up to 10 times if it is not answered.

To clear the last digit displayed, press the [ ] key.
To clear the all digits displayed, press and hold the [ ] key.

Ending a Call

When you want to finish your call, press the [ ] key or close the folder.
Once the call is completed, a call summary (Receiver Name or Number, Service Time) will be displayed.

Using Call Logs

The phone stores up to 30 dialled, received or missed calls chronologically. The last call is saved in the first position. If the same number was dialled more than once, only the latest occurrence will be saved.

1 Press the [ ] key to see the call log list aligned dialled, chronologically.

2 Press the [/] key to select a number.

3 Press the [ ] key for dialing. (See Call Logs for more details.)

Tip
Press and hold the [ ] key to redial the last number in the call log.

Using Contacts

You can store frequently used names and phone numbers in the SIM card or the handset memory, which are called Contacts. Then, you do not have to remember all your phone numbers; simply select the name to recall the associated number.
(For further details about the Contacts feature, see Menu 2)

1 Press the [ ] key or the [ ] key in the standby screen to access the 'Contacts' Menu and 'View Names' List respectively

2 Select a number from 'View Names'.

3 Press the [ ] key for dialing (See Contacts for further details.)

Making an International Call

1 Press and hold the [0] key for the international prefix until the '+' character appears on the display or enter the outgoing national code.

2 Enter the country code, area code and phone number you want to make a call to.

3 Press the [ ] key.

Speed-dialing from Contacts

Press and hold the 'Speed Dial' number to make a call using the number you have saved. For example, press the "5" key longer to dial a number which has been saved as "5" in Speed Dial List.
For speed dial numbers longer than 2 digits, press the first one and then press and hold the second one.
(See Speed Dial for more details.)

Making an Emergency Call

You can make an emergency call without the SIM.
Enter 'Emergency Number'. Then press the [ ] key, or, press [SOS] Soft key if no SIM Card is available.

Answering a Call

When you receive a call, the phone rings (or vibrates) and screen will display the name or the number of the caller (If the network supports the function and you have subscribed to it). If the caller can be identified, the caller's phone number or name will be displayed if it is stored in your Contacts.

1 To answer a call, open the folder.

2 If it is already open, press the [ ] key.

Tip

If the answer type is set as [Any Key], you can answer a call by pressing any key except the [ ] key.

Viewing Missed Calls

If the incoming call could not be answered, a missed call message will appear on the screen to remind you of the call you have missed (Network and subscription dependent feature, not necessarily available in all areas)
To reply to the missed call;

1 Keep the folder open.

2 Press the [View] Soft key to display a list of missed calls.

3 If necessary, scroll to the number you want by pressing the [/] keys.

4 Press the [ ] key to call the missed call.

Press the [C] or [ ] key to close the missed call notification message

Rejecting a Call

Press the [ ] key or the [Reject] Soft key when the folder is open. If the [Reject] Soft key is pressed, the caller will receive a busy line tone.
When the folder is closed, press and hold the [∧ / ∨] key during an incoming call

Adjusting the Calling Volume

If you wish to adjust the earpiece volume during a call, use the volume keys on the left side of the phone.

Press the [∧] key to increase the volume level and the [∨] key to decrease it.
The current volume level will be displayed on the screen.

In standby mode with the folder open, you can adjust the key tone volume using the [∧ / ∨] keys.

During a call, press the [ ] key to show call options.

Switching the MicroPhone Off (Mute)

You can temporarily switch your phone's microphone off so that the other person cannot hear you.
For example, you may wish to say something to another person in the room but do not want the person calling to hear you.

Press the [Mute] Soft key,
Or, select Option followed by 'Mute' to activate the Mute function.

To switch the microphone back on:
Press the [Sound] Soft key.
Or, press the [Option] Soft key and then press the [Select] Soft key or [ ] key, when [Sound] highlights.

Putting a Call on Hold

You can place a current call on hold whenever you want. You can make another call while you have a call in progress if your network service provider supports this service. Of these two calls, one is active and the other is on hold and you can switch between the calls.
To place a call on hold, simply select [Option] Soft key followed by [Hold], or press the [ ] key.
You can reactivate the call whenever you want by selecting [Option] followed by [Retrieve].

Once a call is held, the name and icon of the caller will fade to gray.

To make a call while you have a call in progress:

1. Enter the phone number that you want to dial or look it up in the Contacts.

2. Press the key to dial the second call.
   The first call is automatically put on hold.

To switch between two calls, simply press the [Swap] Soft key.

The current call is placed on hold and the call on hold is reactivated so that you can continue your conversation with the other person.
If you want to finish, complete each call normally by pressing the [ ] key.

Answering Second Call

You can answer an incoming call while you have a call in progress, if your network service provider supports this service and you have activated the [Call waiting] option (see Menu 6.2.4). You will be notified of an incoming call by a call waiting tone.

To answer a call while you have another call in progress:

1. Press the [ ] key to answer the incoming call.

2. The first call is automatically put on hold.

3 To switch between two calls, press the [Swap] Soft key.

To end the current call, press the [ ] key.
The call on hold is automatically reconnected to you.

Searching for a Number in Contacts

You can search for a number in your Contacts during a call.

1 Press the [Option] Soft key.

2 If necessary, press the [/] key to highlight the [Name Search] option. Press the [Select] Soft key.

3 Select the preferred search types like Name, Group, and Photo.

4 Press the [ ] Soft key.

5 The Contacts entries are listed.

6 Enter the first letters of the name for Name Search.

7 The Contact entries are listed starting with the first entry matching your input.

NOTE
You can also scroll through Contacts from the beginning, by pressing the [/] key.

8 To view the highlighted entry, press the [ ] Soft key.

For further details about the Contacts feature, see Menu 2.

Using DTMF Tones

You can turn the DTMF key tones off or on during a call. When the [DTMF Off] option is selected, your phone does not transmit the key tones. It allows you to press keys without hearing the annoying key tones during a call.
To communicate with answering machines or computerized telephone systems, the [DTMF On] option must be selected.

Transferring a Call

You can transfer the current call to the call on hold your network service provider supports this service, so that the callers can talk to each other. You will be disconnected from both of them.

1 During a call, answer or make a call in the normal way, and press the [Option] Soft key.

2 Press the [/] key to select the [Transfer] option and press the [Select] Soft key or [ ] key.

The two people will be connected to each other.

Using the Message Service

You can read or write a new message during a call.

1 Press the [Option] Soft key.

2 Press the [/] key to highlight the [Messages] option.
Press the [Select] Soft key or [ ] key.

3 To read a received message, select the 'Inbox' submenu, and then scroll to the message that you want to read.

4 To write a new message, select the 'Write New' submenu.

5 Press the [ ] Soft key.

(For further details about the Text Message menu, see Menu 1.1)

Making a Multi-party Call

A multi-party call feature is a network service that allows up to six people to take part in a multi-party or conference call simultaneously.
For more information, contact your service provider.

To make a multi-party call;

1 Call the first participant in the normal way.

2 Call the second participant in the normal way.
The first call is automatically put on hold.

3 To join the first participant to a multi-party call, press the [Option] Soft key and select the [Join Call] option.

4 Press the [Select] Soft key or [ ] key.

5 To add a new person to the multi-party call, call the person in the normal way.
Then, press the [Option] Soft key and select the [Join All] option.

6 Press the [Select] Soft key or [ ] key.

You can add incoming callers by answering the call and selecting the [Join Call] option. Repeat the above steps as needed.

Upon organizing a multi-party call, you may view the people and their status in Multiparty with the [/] key.
An icon indicates either Far Multiparty or Far Held.

Having a Second Call During a Multi-party Call

To answer or make a call when you have the multiparty call:

1 To place the multi-party call on hold, press the [Option] Soft key and select the [Hold All Calls] option.

2 Answer or make a call in the normal way.

3 You can reactivate the multi-party call on hold by pressing the [Swap] Soft key.

4 To end the multi-party call, press the [ ] key.

Having a Private Conversation with One Participant

1 Press the [Option] Soft key and select the [Private] option.
Press the [Select] Soft key or [OK] key.

2 Press the [♫ / 🕮] key to highlight a participant and press the [OK] key.
Now you can talk privately with that person.
The other participants can continue to converse with each other

3 To return to the multi-party call, press the [Option] Soft key and select the [Join All] option.

4 Press the [Select] Soft key.
All of the multi-party call participants can now hear each other.

Removing One Participant

1 Press the [Option] Soft key and select the [Exclude] option.

2 Press the [♫ / 🕮] key to highlight a participant and press the [Select] Soft key or [OK] key.

The call ends with that participant, but you can continue to talk with other participants.

3 Complete the multi-party call by closing the folder or pressing the [OK] key.

Using the Earpiece

You can send or receive a call without touching the handset, using he ear-microphone.

When you connect the ear-microphone to the jack located at the top of the phone, the button on the ear-microphone works as described below;

- To show the recent calls, press the button in standby mode
- To redial the last call, press the button twice in standby mode
- To answer a call, press the button when you receive a call
- To complete a call, press the button when you have finished a call

Entering Menu Functions

Key	Function
	Goes to the main menu in standby mode.
	Goes to the Contacts menu
[ ], [ ] key	Moves among main menus.
[ ], [ ] key	Searches for the sub-menu.
[ ] key	Goes to the sub-menu

Press the 4-way navigation keys in the main menu to move the menu.
See the bottom of the Sub Menu List to check the current setting values in the sub-menu.
Then, press the [/] key followed by the [ ] key to change the preset menu value.
If you do not press the [ ] key, the new value will be cleared without saving.

NOTE
Press the [ ] key to return to the previous menu.
Input the menu number to access the sub-menu quickly.

Using the Shortcut Key in Standby Mode

Key	Menu selected if pressed	If pressed and held
		Changes the menu style theme between grid and list.
	Contacts	Displays 'View Names'
[ ] key	Text Messages	Displays 'Write New'
[ ] key	Profiles List	Displays current ring tone
[ ] key	WAP	Directly connect to WAP browser
[ ] key	Favorites	Photo Gallery menu
[ ] key	Calendar Monthly View	Camera capture mode
[ ] key	Recent Call Logs	
[ ] key	Camera	

Entering Text

Input Mode

On many occasions you need to input text while you are using your handset, (e.g., storing a name in the Contacts, writing a new message, creating your greeting or scheduling events on your calendar).
The available text input modes include.

T9 mode

You can input a letter using only one keystroke per letter. The keypad has more than one letter on it – when you press the 5 JKL keys once, J, K or L may be displayed.
The T9 mode automatically compares your keystrokes with an internal linguistic dictionary to determine the correct word, thus requiring far fewer keystrokes than the conventional Multi-tap mode.

Multi-tap mode

In this mode, you can input the letter you want by pressing the keypad once, twice, three or four times until the target letter appears.

Numeric mode

You can input a number in this mode.

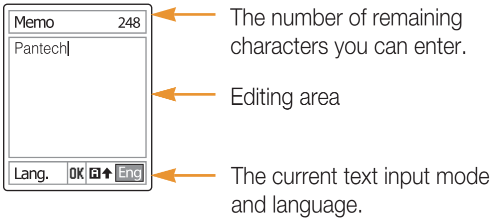
Symbol mode

You can input the special characters like Greek letters, currency units, or a period mark in this mode.

Changing Text Input Mode

When you are in the area where you can input the text, the text input mode indicator will be displayed at the bottom of the display.

Example: Entering a memo.



To switch to other text input modes:

1 Press the right Soft key indicating the current text input mode.

2 Toggle to the mode you want to use by pressing the [ ] right Soft key.
The 'Language select' option allows you to change the text input language.

Inserting a Space

To insert a space between words, press the [0] key.
Or, at the end of line, press the [ ] key to add a new space character.

Scrolling

To move the cursor to the left or right within the text, press the [* /] key. And also, to move the cursor to the up or down among the lines, press the [/] key.

> NOTE
> By pressing the [/] key, the cursor could be moved very quickly to the beginning or the end of the text.

Clearing Letters and Words

To clear the letter to the left of the cursor, press the [C] key.
You can clear all of the letters on the display by pressing the [C] key longer.

Returning to the Previous Screen

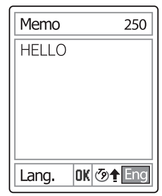
When the text input field is empty, press the [C] key to return to the previous screen.

Tip

To change the text input mode quickly

[*] Press long	Shows symbol screen.
[0] Press short	Enters a space Character
[#] Press long	Changes the text input mode
[C] Press short	Deletes characters one by one. Returns to previous screen after deleting all characters.
[C] Press long	Deletes all characters and moves the cursor to the beginning of the input screen.

Using T9 Mode



In the T9 alphabet Editor, each word is composed completely as you input the text.

1. Press the keys numbered [2 ABC] to [9 WXYZ] to input texts. For example, press [4 GHI][3 DEF][5 JKL][5 JKL][6 MNO] in sequence to input 'hello'.
   The word you are typing appears on the display. It may change with each key you press.

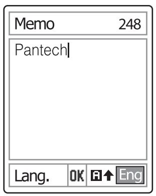
2 Enter the whole word before editing or deleting any keystrokes.

3 Upon searching a word, input the next text.

4 If the search fails , press the [ ] key to search which text can be typed in. The phone displays the most commonly used choices first.

5 Continue entering the next word.

Using Multi-tap Mode



When typing in Multi-tap mode, press the key labelled with the target letter:

- Press the key once for the first letter.
- Press twice for the second letter.

Example : To display the letter “C”, quickly press the [2] key three times. To display the letter “K”, press the [5] key twice. This method is called Multi-tap typing.

NOTE

The cursor moves to the right when you press a different key. When entering the same letter twice or a different letter on the same key, just press the Right key or wait a few seconds for the cursor to move to the right automatically, and then enter the next letter.
Refer to the table for more information about the characters available. The characters vary, depending on the text input language.

Changing Case

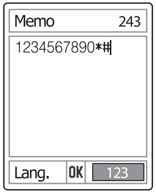
To change the case of the next letter(s) that you type, press the [ ] key.
There are three cases:

- Lower case (no indicator)
- Initial capital ( )
- Capital lock ( )

[English]

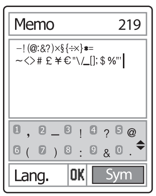
KEY	Characters in displayed order
1	. , - ? ! ' @: 1
2 ABC	a b c 2
3 DEF	d e f 3
4 GHI	g h i 4
5 JKL	j k l 5
6 MNO	m n o 6
7 PQRS	p q r s 7
8 TUV	t u v 8
9 WXYZ	w x y z 9
0	Space 0

Using Number Mode



Number mode allows you to enter numbers into the text.
Press the key corresponding to the digit you want to enter.

Using Symbol Mode



Symbol mode allows you to enter symbols into your text.
To display more symbols, press the [/] key.
To input a symbol, press the number for a symbol, and the text will appear in the input screen.

Press the [ ] key longer or [ ] Soft key to escape from the Symbol mode.
If you entered a symbol with the hot key ([ ] long key), press the key again to return to the previous mode.

And, press the [ ] key to proceed to a mode next to the Symbol mode.

If you entered a symbol with the [ ] key, press the key again to proceed to next mode from Symbol mode.

APPLICATIONS

1. Messages
2. Contacts
3. Call Logs
4. Fun & Tools
5. Profiles
6. Settings
7. Organiser

Messages

Select ‘Menu>1.Messages’.
This menu allows you to create, send, read and save a message using Short Message Service (SMS: Text message), Enhanced Message Service (EMS: Message including simple image, animation or melody) or Multimedia Message Service (MMS: Message supporting presentation of various media types, such as full colour images and polyphonic ring tones).
Voice mails are also available.

NOTE
These features are available only if your service provider’s network supports it. Contact your service provider for more information.

Text Messages

Press the [ ] key and hold in standby mode or select ‘Menu>1.Messages>1.Text Messages’.

Short message service (SMS) allows you to send and receive a short text message to and from other GSM handsets. Additionally, your handset supports Enhanced Messaging Service (EMS), which allows you to make a short message consisting of a simple picture, melodies, animation and styled text that add new features to simple text messages.
To send a text message by phone, you must obtain the number of the SMS centre from your service provider.

Receiving a new message

When you receive a new message, the New message icon ( ) and a notification showing the number of the message will appear on the display. You will also hear an alert, depending on the message sound setting; for further details, see ‘5.Profiles > 2.Message Alert’

To read the new message(s) immediately, press the [View] Soft key. The list of messages appears.

NOTE
To clear the new message notification on the display, press the [End] key. When you have also a missed call, voice mail, short message, or cell broadcast messages, the left Soft key indication changes to [View]

Managing memory

Inbox and Outbox share a given amount of memory on a SIM card. When the message memory is full, the full message icon ( ) appears. In this case, you cannot receive any new message. You must delete one or more old messages to free memory for new messages using the [Delete] option within the Inbox or Outbox or the [Delete All] option which deletes the All list.

- Write New: Writes a new SMS or EMS.
- Inbox: Displays the received messages as well as the one saved in the SIM memory. ‘10’ in [10/20] represents the number of unread messages, whereas ‘20’ represents the number of saved messages.

- Outbox: Displays the message you have saved in SIM memory. [10] represents the total number of messages saved in the Outbox.
- Saved box: Stores Inbox, Outbox, or draft messages in the handset memory. [10] represents the total number messages in the Save box.
- Text Templates: Displays the basic templates.
- Settings: Sets up the text message environment.
- Memory Info: Displays the free space of SIM or handset memory.

Write New

Select 'Menu>1.Messages>1.Text Messages>1.Write New' and press the [OK] key.

You can write a message composed of text images or a melody using this menu.

1 Creating a message.
On the first line of the display, you can see the number of remaining characters you can enter into, the current message number as the icon ( ).

> NOTE
> For further information on how to enter characters, refer to the Entering Text menu.

2 While entering your message, press the [Option] Soft key to use the following options.
When you press the [* / ✉] key to select an item and press the [OK] button using the following option;

- Language: English, French, German, Italian, Spanish, or Turkish. The selected language will be displayed at the bottom of the right corner.
- Add Picture: Loads the selected item.
- Add Animation: Loads the selected item.
- Add Melody: The melody will be set up and played back once.
- Add Emoticon: Loads the selected item.
- Add Template: Insert a clause stored in a Template.

Sending and saving a message

1 When you complete entering the message, press the [OK] key. [Send Option] menu will pop up with the following options.

- Send: Input the receiver's phone number manually.
- Send & Save: Sends out messages like [Send] Sent message will be automatically saved in Outbox.
- Save: Saves a written message in Outbox.

2 Input the receiver's phone number on the Number Screen
Press the [Option] Soft key [ ] to search for a number in Contacts or Recent Calls..
You can add up to 5 receivers

3 Press the [OK] key to display the transmission progress with a sending animation.
If you fail to send out a message "Resume" will pop up and press the [Yes] Soft key to retry or press the [No] Soft key to save the message in Outbox.

Inbox

Select ‘Menu >1.Messages>1.Text Messages>2.Inbox’.

Select Inbox and press the [ ] key to view the received messages one by one.
Press [Reply] Soft key at the bottom right corner to write a new message. The Write New screen will appear.
(Refer to 1.1.1 Write New.)

- Press [Option] Soft key [ ] at the left of Total Message List to select the following menu.
- Delete: Deletes the selected message.
- Edit: Edits the received message for sending.
- Delete All: Deletes all messages in the Inbox.
- Forward: Sends the received message to another receiver.
- Select a message and press [Option] Soft key [ ] an at the left to select the following menu.
- Delete: Deletes the selected message.
- Move to Saved Box: Saves the selected messages in Saved Box.
- Edit: Edits the received message.
- Cut Objects: Saves the object in the received message.
- Cut Numbers: Selects any number in the received message.

Select a function from View to extract and list numbers in the messages. Press the [Save] Soft key to add each number to a new or existing Contacts entry.

- Cut URLs: Selects a function from View to extract and list URLs in the message. Press the [Save] Soft key to add it to Bookmark.
- Forward: Forwards the received message to others

Outbox

Select ‘Menu>1.Messages>1.Text Messages>3.Outbox’.

The Outbox saves the message that you have sent or saved without sending.

Press [Resend] Soft key at the bottom right corner to send the failed or pending message again.
Press the [Option] Soft key [ ] at the left of Total Message List to select the following menu.

- Delete: Deletes the message.
- Delete All: Deletes all messages in the Outbox.

Select a message and select [Option] Soft key [ ] at the left for the associated options.

- Delete: Deletes the message.
- Move to Saved Box: Moves the messages to Saved Box. The old message will be deleted.

Saved Box

Select ‘Menu>1.Messages>1.Text Messages>4.Saved Box’

The message in the Saved Box comes from Inbox or Outbox, or the draft message. All messages keep their feature when it was created and all options are applicable.

Text Templates

Select ‘Menu>1.Messages>1.Text Messages>5.Text Templates’.

Select a text template menu and press the [Option] Soft key [ ] at the left for associated options.

- New: Makes a new template. Not available if template space is full.
- Delete: Deletes a template you have defined.

Select a message and press the [ ] key, and the press the [Option] Soft key [ ] for the associated options.

- Send: Refer to Write New.
- Delete: Deletes a template.

Settings

Select ‘Menu>1.Messages>1.Text Messages>6.Settings’.

You can set up default SMS information using this menu with the following options.

- Message Centre: Allows you to store or change the number of your SMS centre required when sending a message. You must obtain this number from your service provider.
- Message Life Time: Allows you to set the duration of message storage at the message centre while attempting to deliver it
- Message Type: Allows you to set the message type to Normal, Fax, Voicemail, ERMES, Nation’ l Paging, X400, or Internet. The network will convert the messages into the selected format

Memory Info

Select ‘Menu>1.Messages>1.Text Messages>7. Memory Info’.

Select Memory Info and press [ ] key to display the free SIM memory space in the (Inbox and Outbox) and Saved Box (Phone Memory).

Multimedia Messages

Select 'Menu>1.Messages>2. Multimedia Msgs'.

Multimedia Message Service (MMS) is a messaging service quite similar to Short Message Service (SMS). It provides asynchronous delivery of personal multimedia messages between phones, and phone and e-mail.
Adding to the familiar text content of the text message, the multimedia message can contain an image, graphic, and/or sound.
The MMS message is a separate multimedia presentation in a single entry, not an attachment to the text file.
Using the MMS feature, your handset can receive a multimedia message and/or send a picture message, depending on MMS availability from your service provider.
Only the handset that supports the multimedia message feature can receive or display the multimedia message.

Managing memory

When memory is full, the New message icon ( ) appears (It disappears when you read a new message)
If you cannot receive any new message, you must delete one or more old messages to free memory, using the [Delete] option within the Inbox, Outbox, Saved box, or the [Delete All] option.

NOTE

Multimedia message boxes, Camera, Java, and Media Gallery share a given amount of memory in your phone. You can also use the [Delete] or [Delete All] option to delete some sounds or images in Camera, or Media Gallery.

- Write New: Writes a new MMS.
- Inbox: Displays the received message and saves it in the handset memory.
- Outbox: Displays the sent or draft message and saves it in the handset memory.
- Saved box: Saves the messages from Inbox and Outbox in the Saved Box of the handset memory.
- MMS Templates: Displays basic templates
- Settings: Sets up the MMS environment.
- MMS Profiles: Sets up the MMS profile.
- Memory Info: Indicates free handset memory.

Write New

Select 'Menu>1.Messages>2. Multimedia Msgs.>1. Write New' and press the [ ] key.

Slide page information will be displayed on the top right corner.
You can add, edit, replace, or delete objects or templates in MMS with the following option.

This menu option allows you to create a new multimedia message and then send it to several receivers.

1. Press the [Add] Soft key and select one of the following options using the [/] key.

- Add Text
  Enters a new message. For further details, refer to the Entering Text menu.
- Add Image
  Adds an image to the Image Gallery. Press the [ ] key to select the image when the image list appears. For further details, refer to the Image Gallery menu.

- Add Sound
  Adds a sound to the Sound Gallery. Press the [OK] key to select the sound when the sound list appears. For further details, refer to the Sound Gallery menu.
- Add Photo
  Adds a photo in Photo Gallery. Press the [OK] key to select the phone when the photo list in each folder appears. For further details, refer to the Photo Gallery menu.
- Take a Photo
  Adds a new photo by taking a photo using the camera feature. For details about camera feature, see the Camera menu.
- Add Template
  Adds an MMS message template. This feature is available only when no item is in the slide. With more than one slide, Add Template will not be available.
- Add Slide
  Adds a new slide page to create more slides. You can move to each slide page using the [Left] or [Right] key on the message composer screen. If there is more than one, [Delete Slide] will be added in the option

2 Press the [Option] Soft key [ ] to use the following options.

- Preview
  Shows the message as it appears on the recipient's handset.
- Delete
  Deletes the selected object from the slide page.
- Edit Text
  Edits the selected text.
- Edit Subject
  Edits or modifies the subject.
  (Refer to Entering the Text menu Text.)
- Slide Timing
  Set the time duration that the received message is displayed. The display automatically scrolls to the next slide page after the specified time.

- Replace
  Replaces the selected object (text, image or sound) from the slide page.
- Page Layout
  Arranges the image and text display position in the slide page. You can set 'Image at Top' or 'Text at Top'.

Sending and saving a message

1 When you finish creating the message, press the [OK] key. The [Send Option] menu will pop up with the following options.

- Send: Enters the receiver phone number manually
- Send & Save: Sends the message out like the [Send] button. Sent message will be automatically saved in the Outbox.
- Save: Saves a written message in the Outbox.
- Save as Template: Saves the current message in the Template.

2 Select an entry on the Send screen.
If the phone number entry is empty, input the receiver's number. You can also search for a number in Contacts by pressing the [option Soft] key.

3 To send the message to several receivers (up to 9 receivers), repeat from step 3.

4 When you finish entering the receiver, press the [OK] key.

NOTE
If the size of the MMS exceeds the transmission limit, an information message will appear. Even though you forget to save the outgoing message, it will be automatically saved in the Outbox.

Inbox

Select ‘Menu>1.Messages>2. Multimedia Msgs.>2. Inbox’ and press the [ ] key.

Select Inbox and press the [ ] key to display the received messages one by one.
Select [Reply] at the bottom right corner to choose either 1. Text Messages (Refer to 1.1.1 Write New.) or 2.Multimedia Message (Refer to 1.2.1 Write New.).

You can receive a MMS notification through the SMS network and read only the downloaded MMS message.
If ‘Auto Download’ is set to ‘On’, notification will not be made but the message will be saved in the Inbox as unread.
Check for the new message in the MMS Inbox.
Select [Download] to download a message.

Select [Option] Soft key [ ] on the bottom of the message list to select one of the following options.

- Forward: Sends the received message to another receiver.
- Delete: Deletes the selected message.
- Delete All: Deletes all messages in Inbox.
- Reply: Writes and sends a new message using the receiver’s number.

Select a message and select [Option] Soft key [ ] on the left to select one of the following menus.

- Reply: Writes and sends a new message using the receiver’s number.
- Forward: Forwards the received message to another receiver.
- Edit: Edits the selected message.
- Cut Objects: Displays all objects integrated with a message
- Cut Numbers: Selects any number in the received messages. Select a function from View to extract and list up numbers in the messages. Press the [Save] Soft key to add each number to the new ore existing Contacts entry.
- Move to Saved Box: Saves the message in the Saved Box.
- Save as Template: Saves the current message in template form.
- Delete: Deletes the messages.
- Message Info: Displays information on the selected message (from, subject, size).
- Replay: Replays the message.

Outbox

Select ‘Menu>1.Messages>2. Multimedia Msgs.>3.Outbox’ and press the [ ] key.

Outbox stores messages that you have sent, or failed to send, or cancelled.
When the ‘Outbox’ menu option is selected, the list of messages you have sent or saved will be displayed with the followings:

- Message’s subject or no subject if the message had no subject.
- Receiver’s phone number
- Message status: Sent message, failed message, cancelled message or delivery report.

To view a message, scroll to it and press the [ ] key.
To scroll through the message, press the [/] key.
If the message has more than one page, you can press the [/] key to move through the pages, or the pages will be moved through automatically according to the page timing that the sender has set.

You can choose the following options by pressing the [Option] Soft key [ ]:

- Preview: Replays the message.
- Edit: Edits the message.
- Move to Saved box: Moves the messages to Saved Box. The old message will be deleted.
- Save as Template: Saves the current message in a template form.
- Cut Objects: Displays all objects integrated with a message.
- Resend: Resends the message.

Saved Box

Select 'Menu>1 Messages>2. Multimedia Msgs.>4.Saved Box' and press the [ ] key.

The message to be saved in Saved Box comes from Inbox or Outbox.
All messages keep their feature as in the corresponding box and all options are available.
You can move the message in Saved Box, to the each file came from with the [Move to Saved Box] function.

MMS Templates

Select 'Menu>1. Messages>2. Multimedia Msgs.>5.MMS Templates' and press the [ ] key.

Select [New] Soft key to Create a new template.(Refer to Write New)

- Select 'MMS Templates' and press the [ ] key to display the messages saved in Template one by one.

- Select a specific template and select [Option] Soft key [ ] at the left to choose one of Replay, Edit, Send, Delete, or Menu.
- Preview: Replays the template.
- Delete: Deletes the template.
- Send: Sends the template.

Settings

Select Menu>1.Messages>2. Multimedia Msgs.>6.Settings and press the [ ] key.

Using this menu, you can set up default settings for sending or receiving MMS messages. The following options are available:

- Msg Lifetime
  Allows you to set the duration of time your message is stored at the message centre while attempting to deliver it.
  You can select one of Maximum Time / 1 Week / 3 Days / 1 Day / 12 Hours / 6 Hours / 4 Weeks 1 Hour.
- Auto Download
  Allows you to set how you receive a message. You can select either On or Off
- Delivery Reports
  When this option is set to [On], the network informs you whether or not your message has been delivered successfully
- Read Reports
  When this option is set to [On], the receiver's phone sends a reply to let you know when your message was read by her/him
- Read Rep. Allow
  When this option is set to [Off], your phone does not send a reply to the receiver's phone even if the sender asks for the read confirmation reply
- Spam Filter
  When this option is set to [On], you can reject advertisement messages from the service provider
  You can select one of Off / Prompt If Spam / Reject Spam.

MMS Profiles

Select Menu>1.Messages>2. Multimedia Msgs.>7.MMS Profiles and press the [OK] key.

Select 'MMS Profiles' and press the [OK] key to display the current profile list. Unedited profiles will not be selected. Choose a profile to edit and press the [Edit] Soft key, and the 'Edit Profile' window will pop up. You can get the information from your Net provider.

- Profile Name: Input the profile name
- MMS Centre: Input the connection URL.
- GSM Setting: Set up the GSM environment.
  - Gateway
    - IP Address: Input the IP address. A comma will be added every 3 digits.
    - IP Port: Input the IP port number yourself.
    - Login ID: Input the ID to sign into the gateway.
    - Password: Input the password to sign into the gateway.
  - Data Call Type: Press the [* / ✉] key to choose either ISDN or Analogue.
  - Dial Number: Input the dial number manually
  - Login ID: Input the ID to sign into the GSM.
  - Password: Input the password to sign into the GSM.
- GPRS Setting: Set up the GPRS environment.
  - Gateway
    - IP Address: Input the IP address. A comma will be added every 3 digits.
    - IP Port: Input the IP port number yourself..
    - Login ID: Input the ID to sign into the GPRS
    - Password: Input the password to sign into the GPRS.
  - APN: Input the Access Point Name for yourself.
  - Login ID: Input the ID to sign into the GPRS.
  - Password: Input the password to sign into the GPRS.
- Bearer: Press the [* / ✉] key to choose either GPRS Only / GSM Only.
- Reset Profile: Deletes all the profiles in possession.

Memory Info

Select 'Menu>1. Messages>2.Multimedia Msgs.>8. Memory Info' and press the [OK] key.

You can see the used or available memory amount.

Broadcast

Select 'Menu>1.Messages>3.Broadcast' and press the [OK] or [3] key.

This function depends on your network service provider. Please ask them for detailed information. You can receive information messages offered by your network service provider. Use this function to select the information message topic you want to receive from them.

Receive

Select 'Menu>1. Messages>3.Broadcast>1.Receive' and press the [OK] key.

Press the [* / ✉] key to set whether the message will be received or not.

Read Message

Select 'Menu >1. Messages>3.Broadcast>2. Read Message' and press the [OK] key.

You can read a received message.

Topic List

Select 'Menu>1.Messages>3.Broadcast>3.Topic List' and press the [OK] key.

Current Topic: Displays the Current Topic list.

- Insert: Inserts a topic
- Delete: Deletes a topic from the list.

Add My Topic: Adds My Topic.
Press the [Option] Soft key [ ] to:

- Insert: Inserts a topic.
- Delete: Deletes a topic from the list.
- Edit: Edits a topic.

NOTE
You cannot delete or edit a predefined topic. You can edit or delete My Topic only.

Language

Select 'Menu>1.Messages>3.Broadcast>4.Language' and press the [OK] key.

Choose one of All, English, Chinese, or Deutsch.

NOTE
The language varies by the region.

Voice Mail

Select 'Menu>1.Messages>4.Voice Mail' and press the [OK] key.

Use this function to access to voice mailbox provided by the network service provider.

- Call: Call the predefined voice mail system to check a voice mail
- Voice Mail Number: Input the voice mail receiver number manually
- Roaming Mail Number: Input the Roaming Mail Number manually. This is only available if your network provider supports Roaming mail number service.

You can store your personal contacts, which can be added or deleted at any time. You can save up to 800 contacts in the SIM or handset memory.

Adding a new contact

Select 'Menu > 2.Contacts >2.Add Contact'.
Adds contact information of other people. Initially, an empty field with gray colour will appear until you input text.
Depending on the 'Memory in Use' setup, the following fields will be displayed.

- Phone: Name, Mobile, Home, Office, Fax, Group, Picture, Melody, Email, and Memo.
- SIM Card: Name, Mobile, and Group
- Phone or SIM: Select the saving location – handset or SIM.

Editing Contacts

Edits the contact on the same screen with Add Contacts.

Searching a Name/Group/Photo

Name Search

Select 'Menu >2.Contacts >1.Search >1.Name Search'.
Searches for the phone number from Contacts using the following procedure.

1 Input a name and press the [OK] key. The contact list is shown and the cursor is placed on an item that matches your input data.

2 Press the [* / ✉] key to view the recorded numbers

3 Press the [OK] key to view all.

Press the Option Soft key [ ] to;

- Send Message: Send a message to a selected receiver.
- Edit: Raise the Edit Contacts window to edit a content.
- Delete: Delete the selected item.
- Add to Speed Dial: Add the selected number to Speed dial.
- Language: English, French, German, Italian, Spanish, or Turkish
- New Contact: To a new contact.

Group Search

Select 'Menu >2.Contacts >1.Search >2.Group Search'.
Searches for the phone number of each group.

Photo Search

Select 'Menu >2.Contacts >1. Search >3.Photo Search'.
Searches for a phone number by matching the photo saved in the Contacts.

Group Setting

Select 'Menu >2.Contacts >4.Groups'.

Changes the settings for the five predefined caller groups.
Default Groups: No Group, Family, Friends, Business, and VIP

You can change the group ring tone by pressing [Group Ring tone] in the option menu.
You can also add your preferred new groups by pressing the [Right] key, on top of the predefined 5 groups.

Speed Dial Setting

Press a number in the Contacts in standby mode for Speed Dialling.
To add Speed Dial, use [Add to Speed Dial] option. The Speed Dial number ranges from 2 to 99, totaling 98 Speed Dial numbers.

To Set the Speed Dial;

Press the [♫ / 📖] key to move to an Empty Entry and press the [Add] key.
Press the [♫ / 📖] key to choose a person and press the [Left/Right] key to select his number.
Press the [i OK] key to save an item in the Speed Dial list.

- Delete: Deletes an item.

Delete All

Deletes all information saved in the Phone/ SIM Card.

Memory Info

Displays the status of Phone/SIM memory in use.

Service Number

Select 'Menu >2.Contacts >1.Search >4.Service Number'.

This feature may not be available depending on your SIM card.
The list of numbers in the SDN (Service Dial Number) will be displayed.
If necessary, scroll to a number by pressing the [♫ / 📖] key and press the [📞] key to dial the number.

Press the [ ] key to see the recent call logs in standby mode or select 'Menu >3.Call Logs'.

This function displays missed calls, received calls, and dialled calls. You can delete a call log and see the information for the call timer, call cost, and GPRS info in this menu.

NOTE

If Contact contains the phone number that you want to dial, the name will be display, or phone number, date, and time will be display alternately on the Screen.
Press SEND when the cursor is placed on the number or name to dial the number.

Missed Calls

Select 'Menu >3.Call Logs >1.Missed Calls'.
Displays the missed calls list accompanied by the time and date of a missed call as well as the number or name of the receiver.

Press the [/] key for selection.

- Press the [Option] Soft key [ ] to;
- Delete All: Deletes all missed call records from the list.
- Send Message: Sends a message to the person for whom you missed the call .

When the call is not found in Contacts, the [Save Number] option will be created.

Received Calls

Select 'Menu >3.Call Logs >2.Received Calls'.
Displays the received call list accompanied by the time and date of a received call as well as the number or name of the caller. Press the [Left/Right] key to select.

Press the [Option] Soft key [ ] to;

- Delete All: Deletes all received call records from the list.
- Send Message: Sends a message to the person for whom you received a call.

When the number of the caller is not found in Contacts, the [Save Number] option will be created.

Dialled Calls

Select 'Menu >3.Call Logs >3.Dialled Calls'.
Displays the Dialled calls list accompanied by the time and date of a dialled call as well as the number or name of the receiver. Press the [Left/Right] key for selection.

Press the [Option] Soft key [ ] to;

- Delete All: Deletes all the dialled call records from the list.
- Send Message: Sends a message to the person you dialled a call from.

When the number of the caller is not found in Contacts Menu, the [Save Number] option will be created.

Delete Call Logs

Select 'Menu >3.Call Logs >4.Delete Call Logs'.
It deletes the missed, received, or dialled calls or deletes all the call records with 'All Calls'.
Press the [Yes] Soft key [ ] or [No] Soft key [ ] to execute or cancel this function.

Call Timer

Select 'Menu > 3.Call Logs > 5.Call Timer'.
Indicates information on call time.

- Last Call Time: Date and Time.
- Received, Dialled, All Call Time: Call Time only.
- Reset Call Times: Initialises the call timer. Press the [OK] key and input the phone password. And then press the [OK] key one more time.

Call Cost

Select 'Menu > 3.Call Logs > 6.Call Cost'.
Records information on call cost, and limits the call charge to prevent overcharges.

- Last Call Cost: Displays the cost of the last call.
- All Call Cost: Displays the cost of all calls.
- Clear Logs: Inputs PIN2 to delete all the logs of call cost.
- Max Cost: Reads or sets up the maximum value of the call cost unit in the service area.
  - Read Limit: Reads the maximum unit value.
  - Set Limit: Sets up the maximum units.
- Cost Unit: Reads or sets up the unit defined in a service area. This function has the following sub options.

This function has the following sub options.

- Read Unit: Reads the cost unit.
- Set Unit: Sets up the current cost unit and the cost per unit

GPRS Info

Select 'Menu > 3.Call Logs > 7. GPRS Info'.
It displays the GPRS data transmission capacity.

- Current Info: Displays the total transmitted Kbytes at the moment.
- Last Info: Displays the total transmitted Kbytes in the past.
- All Info: Displays the total transmitted Kbytes since connected.
- Clear Logs: Deletes the log related to GPRS.

Camera

You can take a photo or video in various ways using your camera phone. The photo or video can be saved, or edited.

Taking a Photo

1 Select 'Menu>4. Fun&Tools>1.Camera>1.Take a Photo' in the menu in sequence.

Tip

Press the [Extra] key or the [c] key longer in standby mode to enter into capture mode immediately.

2 Adjust the image by aiming the camera at the subject.

Press the [Right] Soft key [ ] to change the shooting mode.

Shooting Mode	Icon	Description
Single Capture		A general mode for single shot.
Multi Capture		A mode to take multiple photos with the quantity and speed determined by the [Multi-Shot] option
Sticker Capture		In this mode, the photo can be taken with the saved sticker. You can change the sticker using the [Sticker] option. Image size: 128X124 size (fixed)
Pattern Capture		You can take several photos and save them in a single screen.

3 Press the [ ] key or [Extra Key] to shoot the image in the current preview.

Press [∧ / ∨] key to zoom in/out of the image in proportion to the original ratio. Use the Navigation key to scroll and view the image enlarged larger than display.

Press the [Cancel] Soft key or [c] key to return to the camera preview screen.
In Multi Capture mode, select [Mark]/[Unmark] to check the image box on the captured images to save them.

4 Select [ ] to display the Save Option screen, where you can select a photo album and edit photo name to save.
In Multi Capture mode, the photo will be named automatically. However, you can manually input the name if only one image is selected.

Definition of Camera Function Control Soft Key during Flip Open

Function	Available Menu	Soft Key
Icon Size	Display / QVGA / VGA	
Image Quality	Normal / Low / Fine	
Image Effect	Selects the effect type.	
Brightness	6 levels (from 0 to 6)	/
Zoom	Control by levels (Icon appears in Zoom In status)	∧ / ∨

Function	Available Menu	Soft Key
Flash	On/Off	[#]
OSD (On Screen Display)	On / Off	[0]
Self Timer	Set the timer time (None / 5 secs / 10 secs)	[7]
View Switch	Main Display / Main+Sub.	[8]
Sticker	Applies the sticker effect.	[9]

Using the Camera Options

Press the [Option] Soft key [ ] in Capture mode to select the following information which will be applied to the image.

- Main LCD* / Main+Sub: Sets up the Preview mode
- Image Size: Size of image that you want to shoot
  display (128X140), QVGA (320X240), VGA(640X480)
- Flip: Reverses the screen.
- Rotate: Rotates the screen.
- Frame: Press the [/] key to select a sticker.
  Press the [ ] key after sticker selection to return to sticker shooting mode.
- Photo Gallery: Moves to the Photo Gallery.
- Self Timer: Selects the delay time for all modes. When you press the [ ] key or [Extra Key], camera will shoot after the preset time. When the camera mode is off, the time value will return to the setup value.
- OSD: Turns the icons in the screen On/Off
- Flash: On / Off.
- Time Stamp: On / Off.
- Multi-Shot: Controls the number and speed of continuous shooting.

Taking a Picture with the Folder Close

1 Press and hold the [Extra] key on the left side of your phone with the folder closed to enter the Capture mode.

2 Adjust the image by aiming the camera at the subject.
Press the [Side] key to zoom the shooting image.
Press the [Extra] key to shoot the image in the current preview.
Press and hold the [Extra] key to escape from Capture mode.

3 To save the captured image, press the [Extra] key and input a default name in the default album. After saving, the photo function will be finished.
Press the [Side] key to move to the capture preview screen without saving the captured image.

Taking a Video

1 Select ‘Menu > 4. Fun &Tools > Camera > 2. Take a Video’ from the menu this order to enter Video Shooting mode.

2 Upon entering Video Shooting mode, the image taken by the internal camera lens will be displayed.
* Size of the video image is fixed to display 128X124.

3 Adjust the image by aiming the camera at the subject.
Use the [Side] key to zoom In/Out and use [/] key to control brightness.

4 Press [ ] key to record the preview image.

5 Press the [Cancel] key to cancel recording and return to the Preview screen
Press the [ ] key to stop recording.

6 If you press the [ ] key, the Save Option screen will pop up and you can select an album to save the video. Then, edit a video file name. When 'Auto Save' is selected from the camera setting, the set name and album will be automatically saved without any Save Option screen.
Press the [Cancel] key to return to the Preview screen without saving video images.
Press [Play] to play the recorded video images.

Press the [Option] Soft key [ ] to:

- Main LCD* / Main+Sub: Sets up the Preview mode.
- Image Effect: Applies an effect to the Video.
- Rate: Fine/Normal
- Video Gallery: Moves to the Video Gallery.

Settings

Changes the default camera option value.

- Image Size: Size of the image to be shot
  LCD (128X140), QVGA (320X240), VGA (640X480)
- Image Quality: Normal/Low/Fine
- Shutter Sound: Off / 123 / Smile / Whisky / Cheese
- Flash: On / Off
- Self Timer: Select the delay time for all modes. When you press the [ ] key or [Extra Key] shortly, camera will shoot after the preset time. None / 5secs / 10secs
- Auto Save: When Auto Save is on, the default name and album name will be automatically saved by shooting. On / Off
- Time Stamp: On / Off
- Multi-Shot: Control the number of continuous shots and speed.
- Quantity: 4 / 6 / 9 / 12 / 15
- Speed: Slow / Normal / Fast

- Sub Capture Mode: Set up the mode for shooting with the external display.
  Wide Mode / Normal Mode
- Preview Mode: Main display / Main+Sub

Media Gallery

Select 'Menu>4.Fun&Tools>2.Media Gallery'.

Photo Gallery

Allows you to view or edit the photos saved in your handset.

Views the Saved Picture.

1. Select 'Menu>4.Fun&Tools>1.Camera>3.Photo Gallery' or 'Menu>4.Fun&Tools>2.Media Gallery>1.Photo Gallery' in the menu in this order to access the Photo Album List.

2. Press [New] Soft key to add an album to Photo Gallery.

   • You can add up to 7 albums (including default album 'My Photo').
   Press [Option] Soft key to rename, delete or add new user-defined album.

3. Select an album from the list and press the [OK] key to display the photo list in the album.
   Use [Small] or [List] to change the list type (Small Photo/List).

4. Select a photo and press the [OK] key to enlarge the photo view. Press the [Left/Right] key to view other photos in the album.

Using the Photo Options

Press the [Option] Soft key [ ] to apply the following options to a selected photo of the album.

• Set As:
  1. WallPaper – Adds a photo to 'My Wallpaper' of 'Display Settings' Setting to be set to the background image of the main screen.
  2. Contacts – Sets to a specific photo image of Contacts.

• Delete: Deletes a photo.
• Rename: Renames a photo.
• Crop Photo: Presses [Side Key] to zoom in or out of a photo and save it again. This time, the image size will be converted to the display size.
• Delete All: Deletes all photos in the album
• Information: Views the information on a photo.
• Search: Searches for the name in the album.

Video Gallery

1. Views or edits the video image saved in your phone.
   Select 'Menu>4.Fun&Tools>1.Camera>4.Video Gallery' or '4.Fun &Tools>2.Media Gallery>2.Video Gallery' in the menu in sequence to gain access to the Video Album List.

2. Select [New] Soft key to add an album to Video Gallery.
   You can add up to 7 albums (including default album ('My Video'))
   Press the [Option] Soft key [ ] key to rename or delete the user made album.

3. Select an album from the list and press the [OK] key to display the video list in the album.
   Select [Small] or [List] Soft key to change the list type

4. Select a video and press the [OK] key to play the video image automatically.
   Use [❚❚] / [▶] to pause or play a video image.
   Use [Stop] to pause the play and go back to the list.

• Option: Set as, Delete, Rename, Delete All, Information and Search (See the description on these functions in the Photo Gallery Option).

Image Gallery

You can view or edit the image or information recorded in your handset in this menu.

1 Select 'Menu>4. Fun &Tools>2. Media Gallery>3. Image Gallery' to the list of images saved in your phone.

2 Select [Large] Soft key or press the [ ] key to zoom in the image selected from the list.

3 Press the [/] key to view other images in the list.
Select [List] Soft key to be back to the list.
Press the [Option] Soft key [ ] key to apply the option to the selected image.

- Option: Set as Wallpaper, Delete, Rename, Delete All, Information (See the description of these functions in the Photo Gallery Option.)

Sound Gallery

Plays back sound in your handset or edits information.
Select 'Menu>4. Fun &Tools>2. Media Gallery>4. Sound Gallery' to display the list of sound recorded in your handset.

The selected melody will be automatically played back one time.
Press the [Option] Soft key [ ] key to apply the option to the sound concerned.

- Option: Set as Ring Tone, Delete, Rename, Delete All, Information (See the description on these functions in the Photo Gallery Option.)

Memory Info

Displays information on the memory usage status of Photo, Video, Image, Sound, Java, and MMS and System used.
Note: The 'System' memory information means the total used memory for the reserved objects, user-defined wallpapers, etc.

Game

2043

In AD 2043, aliens attacked the earth. The only hope for earth is a resistant army organised to keep the peace on earth in various areas. The player joins with the Phoenix team, the best air force consisting of specialists, and starts attacking the main alien base.

As the stage moves forward, the intelligent attack patterns of the enemy with plenty special effect sounds and various background designs make the game more fun and exciting.

[Game Screen]

Keys	Functions
[*] / 4 GHI	Move Left
✉ / 6 MNO	Move Right
♫ / 2 ABC	Move Up
📖 / 8 TUV	Move Down
1	Move Left-Up
3 DEF	Move Right-Up
7 PQRS	Move Left-Down
9 WXYZ	Move Right-Down
i OK / 5 JKL	Activate/De-activate Fire
*	Pause
#	Special Bomb

Smokey

The objective of this game is to help the boy sorcerer boy to push the monsters into the cages.

You cannot pull the monsters back. So think carefully when you make a move.

This game consists of 200 different stages with varying difficulties.

The buttons used for playing the game are described in the "Help" menu.

[Game Screen]

Keys	Functions
[*] / 4 GHI	Move Left
✉ / 6 MNO	Move Right
♫ / 2 ABC	Move Up
📖 / 8 TUV	Move Down
i OK / 5 JKL	Renew or restart.
*	Pause
0	Select Stage

Java

You can download and execute a java application on your handset. The java application for a mobile handset is called a Midlet. Use the WAP browser to search for a Midlet and download it for installation.

* A Midlet is not installed in the current model. Please download it if you want.

View of Java Application List

Select 'Menu>4. Fun &Tools > 4.Java' in the menu to select a Java menu.

Select '1. Midlet Lists' to view the Java Application list stored in your handset.

Java Application Execution/Deletion/Information Search

Select 'Menu>4. Fun &Tools > 4.Java' in the menu to select a Java menu.

Select '1. Midlet Lists' to view the Java Application list stored in your handset.

Press the Navigation key to select an application.

MENU has an option to control the Midlet.

To	Press the
Run the Midlet	Press the [Option] Soft key [ ] and select the [Run] Soft key, or press the [ ]
View Detail Information	Press the [Option] Soft key [ ] and select the [Info] Soft key , or press the [ ] Soft key.
Delete the Midlet	Press the [Option] Soft key [ ] and select the [Delete] Soft key

View of Java Application Memory

Select '2.Memory Info' to see the memory used for Midlet.

Auto Answer

The Auto Answer function works like an automatic answering machine. It relays the recorded message to the caller if you do not answer the call for a specified period of time.

Auto Answer

Set Auto Answer to [On/Off]. If set to [On], the Auto Answer function will be enabled.

Recorded Message

Displays a list of recorded messages during call active (In call). Each list displays the recorded date & time of the file and the message caller ID as well. Press [Delete] to delete the message in the View list, and press the [Send] key to make a call while confirming recorded messages.

Response Message

Depending on your current situation, a different answering message will be played, including. [Absent / Meeting / Driving / User Message]. The User Message is the voice message of the local user that will be answered in the standby mode.

Response time

Sets the automatic answering time (3 secs / 5 secs / 10 secs / 20 secs). When the response time elapses without answering the incoming call, the recorded message will be relayed to the caller. If the caller decides to leave a voice message, recording will be started with a beep sound.

User Message

Displays your voice message set for the response message. Press the [▷] key for playback. If no message is recorded, only the recorder function will be used.

Voice Memo

The Voice Memo function records your voice message. You can use Record, Stop, Play, and Save for voice recording and playback. You can use the Text Editor for title input.

Record

1. Select [New] Soft key from the option menu and press the [●] key.

2. Press [■] to terminate the recording process and press [Play] Soft key to hear the recorded data.

3. Press [ ], input a name, and press [ ] Soft key to save the data.

Tip

When memory is full, the "Not Enough Memory" message will appear and returns to the upper menu.

Play

Select an item and press [ ] to start play immediately.

Press the [Option] Soft key [ ] to;

- Delete: Deletes the selected voice memo.
- Delete All: Deletes all voice memos.
- Rename: Renames the voice memo
- New: Creates new voice memo.

Select 'Menu>5.Profiles' or press the [♫] key in standby mode.

Profiles define how your handset reacts when you receive a call or a message, how your keypad sounds when you press a key, and more.

Ring tone, key tone, and other settings for each of the five available profiles can be used by with their default setting. They can be also customised to your needs. Select and customise a e profile to match your preference, such as when you are in a meeting or outdoors. The profiles available are Normal, Silent, Meeting, Outdoor and Car.

Ring Tone

Select 'Menu>5.Profiles >1. Ring Tone' and press the [ ] key, or press the [♫] key and [Edit] Soft key in standby mode and select '1.Ring Tone'.

* You can choose the preferred ring type, melody to ring and ring volume.

- Ring type: Ringing, Vibration, Vib then ring, Vib and Ring, Ascending, None (Quiet)
- Ring Volume: Controls the volume in 7 levels.
- Sound: Sound is composed of several groups such as Melody ' Sound, Bell Sound, Voice Sound, and 3D Sound and each Group has multiple tones. User Sound presents the melody of 'Menu> 4. Fun & Tools ->2. Media Gallery -> 4. Sound Gallery' as a consequence.

Message Alert

Select 'Menu>5.Profiles>2.Message Alert' and press the [ ] key, or press the [ ] key and [Edit] Soft key in standby mode and select '2.Message Alert'.
You can select the preferred alert melody, its volume and reminder period when you have new messages.

- Reminder: Use the [Left/Right] key to select one out of Off, Once, Every 2 Mins, Every 5 Mins.
- Sound: Use the [/] key to set Message Alert Tone to Bell1, Bell2, Bell3.

Key Tone

You can select the keypad sound to be used for dialing or in the menu screen.
Select 'Menu>5.Profiles>3.Key Tone' and press the [ ] key, or press the [ ] key and [Edit] Soft key in standby mode and select '3.Key Tone'.

- Tone Type: You may turn the key tone on or off.
- Ring Volume: Controls the volume in 7 levels.
- Sound: Selects a key tone.

Flip Open Tone

You can select a sound effect when you open or close the folder.
Select 'Menu>5.Profiles> 4.Flip Open Tone' and press the [ ] key, or press the [ ] key and [Edit] Soft key in the standby mode and select '4. Flip Open Tone'.

- Tone Type: Turns the key tone on or off.
- Ring Volume: Controls the volume by 7 levels.
- Sound: Sets Bell1, Bell2, and Bell3 to Flip Open/Close Tone.

Sound Effect

Turns the default sound effect on or off.
Select 'Menu>5.Profiles> 5.Sound Effect' and press the [ ] key, or press the [ ] key and [Edit] Soft key in the standby mode and select '5.Sound Effect '.

- Menu Moving: When you change a menu with the Navigation key.
- Power On & Off: When you turn the power on or off.
- Option Popup: When you press the [ ] key to see a popup window.
- Call Connection: When you dial or hang up.
- WAP Connection: When you connect or terminate WAP
- Hour Alert: A sound effect every hour while your phone is in standby mode
- Minute Minder: A sound effect every minute while making a phone call.
- Popup Alert: A warning, error, information or question sound effect.

Profile Name

Select a profile name menu from the Profile Sound editing screen to rename it manually.

Reset

Select the Reset menu from the Profile Sound editing screen and press [Yes] Soft key to initialize all the sound related values in the profile.

Select 'Menu>6. Settings'.
You can set up various handset functions in the settings menu.

Display Settings

Select 'Menu>6.Settings>1.Display Settings'.
You can change the image or colour composition of the display.

Main Screen

Select 'Menu>6.Settings>1.Display Settings>1.Main Screen' and press the [OK] key.
You can change the background image of the main screen.

- My Wallpaper: Sets up Wallpaper by selecting from "My Wallpaper". My Wallpaper stores items used to set up Wallpaper at Photo Gallery/Image Gallery. Other wallpapers than the default one may be deleted with the [Delete] Soft key. (The default one cannot be deleted permanently.
- Wallpaper Mode: Digital Clock 1/ Digital Clock 2 / Analog Clock 1 / Analog Clock 2 / Calendar / Greeting / D-day

Sub Screen

Select 'Menu>6.Settings>1.Display Settings>2.Sub Screen' and press the [OK] key.
You can change the background image of the sub screen.

- My Wallpaper: Sets up Wallpaper by selecting from "My Wallpaper".

My Wallpaper stores items to set up Wallpaper at Photo Gallery/Image Gallery. Other wallpapers than the default one may be deleted with the [Delete] Soft key while the default one cannot be deleted permanently.

- Wallpaper Mode: Digital Clock/Analog Clock 1/Analog Clock 2

Style Theme

Select Menu>6.Settings>1.Display Settings>3. Style Theme and press the [OK] key.
Press the [* / ✉] key to set up 'Icon Style' or 'Dynamic Style'. And Press the [OK] key to save.

Greeting

Select 'Menu>6.Settings>1.Display Settings>4.Greeting' and press the [OK] key.

You can set up the greeting message during startup or standby mode.

Back Light

You can set the Backlight.
Press the [* / ✉] key to change the value that is displayed when you select 'Menu>6.Settings>1.Display Settings>5.Backlight,' and press the [OK] key.

Service Light

This menu displays the On Service status in the external LED. You can set up the colour of your choice in this menu. (Green / Red / Yellow / Cyan / Violet / White / Off / Blue)

Select 'Menu>6.Settings>1.Display Settings>6. Service Light' and change the value with the [Left/Right] key, and then press the [OK] key.

Voice Light

Select 'Menu>6.Settings>1.Display Settings>7.Voice Light' and select the one of On/Off, and then press the [OK] key.

Call Settings

Select 'Menu > 6.Settings> 3. Call Settings'.

Call Divert

Select 'Menu > 6.Settings > 3.Call Settings > 1.Call Divert'.
You can divert received call to another phone number with this menu.
You may choose one from All Calls, When Busy, On No Answer, When Not Found, or Cancel All, all of which share the same basic flow.

Answer Type

Select 'Menu > 6.Settings > 2.Call Settings > 2. Answer Type'.
You can set up the call receiving method.
Use the [* / ✉] key to set the call receiving method.
And press the [OK] key to save.

- SEND key: You can answer the incoming call by pressing the [SEND] key.
- Any Key: You can answer incoming calls by pressing any key, except the [END] key and the [Reject] Soft key.
- Flip Open: You can answer an incoming call by opening the phone flip.
- Auto Receive: Your handset automatically answers calls after 10 seconds. This feature is available only when the handset is connected to the ear jack.

Auto Redial

Select 'Menu>6.Settings>3.Call Settings>3.Auto Redial'.
This function automatically redials the number the call is made to.

- On: Sets up Auto Redial.
- Off: Cancels Auto Redial.

Call Waiting

Select 'Menu > 6.Settings > 3.Call Settings > 4.Call Waiting'.
The call waiting function informs you of the reception of a second call.

- Activate: Sets up Call Waiting.
- Deactivate: Cancels the preset Call Waiting.
- Status: Informs the setup condition.

Send Caller ID

Select 'Menu>6.Settings>3.Call Settings>5.Send Caller ID'.
You can prevent your phone number from being displayed on the phone of the person being called. This service is dependent on the network. Please ask the network provider.

Own Number

Select 'Menu > 6.Settings > 3.Call Settings > 6. Own Number'.
The number for Own Number can vary (up to 4) depending on the SIM.

Language

Select 'Menu > 6.Settings > 4.Language'.
You can select a language to be displayed on the handset.

NOTE
'Automatic' selects the language previously stored in your SIM.

Time & Date

Set 'Menu > 6.Settings > 5.Time & Date'.

You can set up Time, Date, and Date Format.

Favorite

Select 'Menu > 6.Settings > 6.Favorite'.
The Favorite menu designates your additional favorites.
You can access menus down to 2 levels and the Media Gallery cannot be deleted because it is the default menu.
The [OK] key means ADD with no item or Go to with an item.
On the set values in Favorite, the Application Lock item asks for a password before Go to.
Of the set values in Favorite, the item with security asks for a password before Go to.

Network Selection

Select 'Menu>6.Settings>7.Network Selection'.

You can select 'Automatic' or 'Manual'.

Security Settings

Set 'Menu>6.Settings>8.Security Settings'.
The security settings enable you to restrict the use of your handset to the other people and types of calls of your choice. Various codes and passwords are used to protect these features of your phone. They are described in the following sections. See also Access codes in the Appendix.
The Security feature keeps your handset and SIM Card away from unauthorized hands and you may set up a password for your handset or use the Call Barring service and Fixed Dialing mode.

SIM Lock

Press the [* / ✉] key for setup.
You should input the password when entering into the sub-menu under Security Settings. If you fail to input the correct PIN1 and PIN2 number 3 times continuously, you will be prompted to input the PUK number.

- Lock: You should input PIN1 to access to the main menu after power on.
- Unlock: You don't have to input PIN1 to access to the main menu after power on.

Change PIN

Changes the PIN number.

Phone Lock

Once selected, this option locks your phone until you input the right password. Press the [OK] key after you input the password.

Change Lock

Changes a password. Default Password is 1234.

Application Lock

Input a password and select an application and then, press the [OK] key to lock the application.

Call Barring

You can set limitations for making certain types of calls:

- International Calls: Limits an outgoing and incoming international call.
- Only Local/Home: Limits to local/home calls only.
- Incoming Calls: Limits all incoming calls.
- Incoming Calls When Abroad: Limits all international incoming calls.
- Int. Calls Except to Home Country: Limits other international calls except home country.
- Clear All: Cancels all the barring settings.
- Change Password: Replaces the old password with a new one.

CUG (Closed User Group)

Sets up a group of numbers that you want to dial or receive. Select CUG name and press [OK] to see the CUG name list as you input.

Press the [Option] Soft key [ ] to:

- Delete: Deletes the preset CUG Identifier.
- Edit: Edits CUG Identifier.
- Add: Lists up a new CUG name in the Index list.

NOTE
Without an existing record, the [ ] key will turn into [Add] Soft key and move to the name input screen for a new CUG registration.

Fixed Dialling (Fixed Dialing Numbers)

Fixed Dialling is a service that limits your access to specific numbers in the Phonebook list recorded on the SIM. Input PIN2 to set up or cancel this service.(up to 3 times)

- On
- Off
- Fixed Dial List: Displays the numbers recorded in the Fixed Dialling list.

Change PIN2

Changes PIN2.

System Reset

Select Menu > 6.Settings > 9.System Reset.

Deletes all user settings and data from your handset and initialises it as if it was just shipped out of the factory.
Input the phone password and press the [ ] key to reset.
Default password is 1234.

Select ‘Menu>7.Organiser’.
Organiser provides various functions alarm setting, main event record, memo, world time, calculator, unit conversion, stopwatch and timer.

Alarm

Select ‘Menu>7.Organiser>1.Alarm’.

You can set an alarm to sound up to 5 specific times. (Once you set the On Morning Call, an the icon of the display)

To set an alarm

Select ‘Menu>7.Organiser>1.Alarm’ to display the current alarm list.
Select an alarm to set and press the [ ].
Press the [New] Soft key in the list to set a new alarm with the edit alarm screen.

Press the [Option] Soft key [ ] to:

- Delete: Deletes an Alarm from the list.
- On Snooze / Off Snooze: The alarm that is set to Snooze rings every 5 minutes for 3 times. Only one alarm can be set to On Snooze.
- On Morning Call / Off Morning Call: Alarm always sounds regardless of the ring type, vibration or whatever.
- Delete All: Deletes all Alarms from the list.

Press the [ ] key to edit the Alarm, and then press the [/] key in the ‘Edit Alarm’ screen to set on Set, Time, or Melody.

Press the [AM] / [PM] / [24H] key to select AM or PM or 24H of the time for setup.

In case of Melody type, press the [ ] key to enter Sound Gallery to select a melody.

Calendar

Select ‘Menu>7.Organiser>2.Calendar’.
Calendar helps you manage your schedule including your time for calls or special days. Alarm service on a set date is included in this function. Calendar consists of Monthly View, Daily View, and Event View & Edit.

Monthly View

To	Press the
Move to another day	[ ] Previous Day [ ] Next Day
Move to another week	[ ] Previous Week [ ] Next Week
Move to the previous or next month	[ ] Previous Month [ ] Next Month

Select ‘Menu>7.Organiser>2.Calendar’ from the menu to display the Monthly View.
Press the [New] Soft key to add a new event.

Press the [Option] Soft key [ ] to;

- View All Events: Shows all of your scheduled events
- Del Past Events: Deletes your past scheduled events.
- Del All Events: Deletes all of your scheduled events.
- Go to Today: Moves to today for selection.
- Go to Date: Moves to the set date.
- Memory Info: Displays the number of stored events, not more than 50.

Use the Navigation key to select the date and press the [ ] key.
On a date with any schedule registered, move to Daily View to check the schedule.
On a date with no registered schedule, add a new schedule.
Any event registered on a date will be displayed at the bottom of display in the form of an icon.

Daily View

Shows the schedule registered for a date. Select a schedule and press the [ ] key to view or edit the details of an event.

Press the [Option] Soft key [ ] to;

- Delete: Deletes an event
- On D-Day / Off D-Day: Sets up or cancels D-Day.
- Move Date: Transfers an event to a specific date.
- Delete All: Deletes all events.

NOTE

When you select D-Day from Screen Control, ‘D-Date, Event Memo Content Part’ will appear in the standby screen.
Upon setup of a new D-Day, the existing D-Day is automatically deleted.

Event View & Edit

Shows the registered schedule item by item and edits the schedule or creates a new schedule.

Create New Event (by View & Edit)

1. Select a day from Monthly View and press the [New] Soft key
2. Upon appearance of the New Event screen, select and input an event item by item for registration.
3. After input, press the [ ] key to save the event.

NOTE

Maximum Quantity of Schedule for Registration: 50
Maximum Daily Quantity of Schedule for Registration: 8
Period of Registration: 01/01/1950 ~31/12/2043

Memo

Select 'Menu>7.Organiser>3.Memo'.
Saves short notes in your phone.

Press the [Option] Soft key [ ] to;

- Edit: Retrieve existing memos, edit the parts of your choice, and press the [OK] key for save.

Tip

Press the [OK] key and [Edit] Soft key to return to the editing screen.

- Delete/Delete All: Deletes any or all items.
- New: Input texts to create a new memo.

World Time

Select 'Menu>7.Organiser>4.World Time'.
This function informs you of world time.

Press the [Option] Soft key [ ] for

- On / Off Day Light Saving: The Day Light Saving function fits the time of the countries in summer who enforce Summer Time. Select Day Light Saving from the option menu for setup. The icon for the country with Summer Time will be activated

	Shows that the Summer Time Saving function is on.

Tip

Summer Time sets the clock one hour ahead.

- Set as Local: Press the [Set] Soft key or select [Set as Local] from the option menu a

Calculator

Select 'Menu>7.Organiser>5.Calculator'.
Your handset has a Calculator function. Calculator provides 4 basic operations +, -, x, and /.
Press the number keys and direction keys to input a formula and press the [=] Soft key to display the result.

Tip

Press the [*] Soft key to input a decimal point.
Press the [C] Soft key to reset the formula.
Press the [C] key short to delete the text of a formula and press and briefly hold [C] key to delete the whole formula.

Converter

Select 'Menu>7.Organiser>6.Converter'.
Converter converts a figure between different units Length, Area, Volume, Weight, and Temperature.
Select one among Length, Area, Volume, Weight, or Temperature.
Press the [ ] key to move to the next line, press the [* /] key to select a target unit, and press the number keys to input numbers.
Press the [ ] key again to move to the next line and select a result unit and you will get the correct answer.

Tip

The result is automatically recalculated upon a change of unit or value.

Press the [ ] Soft key to input a decimal point.

Stop Watch

Select 'Menu>7.Organiser>7.Stop Watch'.
Stop Watch measures time for all sorts of sports. Stop Watch uses the Navigation keys.
Press ▷ to operate Stop Watch.
Press ■ to pause Stop Watch and press ▷ to restart Stop Watch.
Whenever you select [Lap] Soft key, the 4 lap times as a maximum are displayed and when you select the fourth [Lap], the Stop Watch stops.
Press the [Reset] Soft key to initialise all.

Timer

Select Menu>7.Organiser>8.Timer.
Sets alarm bell to ring at a preset time.
Press the [Set] Soft key to input a time and minute for countdown and press the [OK] key for setup.
Press ▷ after input and the displayed time will start counting down. Now, press ■ to pause the countdown and press ▷ to restart the countdown.
After the preset time, an additional animation and alarm sound will be provided. Press [Stop] Soft key to pause both.
Press the [Set] Soft key to return to the initial state while Timer is out of operation. When the alarm is ringing with animation at the set time, stop their motion to return to the initial state.

ADVANCED

You can access the Internet with a WAP (Wireless Application Protocol) browser.
That means you can connect to the Internet anywhere and anytime when you have network coverage.

The descriptions below can vary according to your Network provider.
Therefore, ask your Network provider for detailed information.

NOTE
Press the [OK] key short to access the WAP menu directly.
Press and briefly hold the [OK] key during standby to proceed to WAP homepage.

Navigating the WAP Browser

To scroll through and select browser items, press the [♫ / 📖] key until the item you want is highlighted, and then press [Select] Soft key.
To return to the previous page, press the [C] key.
To return to the startup homepage, select [Option]> Home.

Entering Text in the WAP Browser

When you are prompted to enter text, the current text input mode appears above the right Soft key.
Refer to 'Entering Text' for details.

Home

This menu contacts the network to load the Wireless Web service provider homepage.

Resume

You can reconnect to the latest web site.

Bookmarks

You can bookmark an Internet address using the WAP browser just as you do with a PC Internet browser.

To register an URL and Name in the closest empty number of the Bookmark List, press [Add] on the right.

Press the [Option] Soft key [ ] to;

- Edit: Edits the URL and name of a bookmark
  However, this feature will not be available if the manufacturer provides a default bookmark..
- Delete: Deletes a bookmark from the List.
  However, this feature will not be available the manufacturer provides a default bookmark..
- Send Message: The bookmark URL automatically composes the SMS message text.
- Go: Goes to the related site

Push Messages

The handset can receive Push Messages from the Service Provider.

Inbox

The Push message is stored in Inbox. Select and check a message from the message list of Inbox to contact the WAP page concerned.

Press the [Option] Soft key [ ] to;

- Delete: Deletes a message.
- Delete All: Deletes all the messages in Inbox.
- Go to: Goes to related site.

Receive Mode

Sets up Push Message receiving.

- Accept All: Receives all Push messages
- Trusted Only: Chooses reliable message only.
- Accept None: Rejects all messages.

Go to URL

This menu leads you to an URL that you have been before.

Profiles

Selects or edits a Connection Profile supplied by the phone.
Select a Profile List and press the [ ] key for setup.
Unedited Profile will not be selected.
Select a Profile List and press [Edit] to edit the Profile.

- Profile Name: Sets Profile Name
- Home URL: Sets access Homepage URL to access
- GSM Settings: Sets up GSM network proxy.
  - Gateway (IP Address, IP Port, Login ID, Password)
  - Data Call Type: ISDN / Analogue
  - Dial Number
  - Login ID
  - Password
- GPRS Settings: Sets up GPRS network proxy.
  - Gateway (IP Address, IP Port, Login ID, Password)
  - APN: enters the Access Point Name
  - Login ID
  - Password
- Bearer: You can select the bearer type for each type of network access
  - GPRS Only / GSM Only
- Reset Profile: Resets the selected profile.

Cache

Cache Mode

Sets up the Cache memory check.

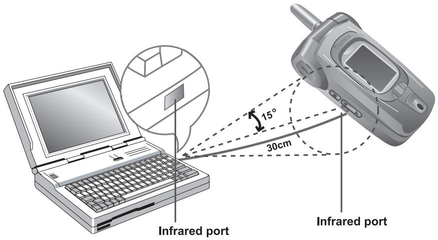
- Always Check: The Cache is always checked whenever a URL is loaded or navigated.
- Never Check: The Cache is never checked.

Clear Cache

This menu provides a function to clean the data stored in the Cache (recently visited WAP pages).

Version

This function is for viewing the software version of the WAP browser



Provides a function to change the current status of Infrared port.

- Internet Connection: Uses Infrared port for GPRS Modem purpose (Only some menus and functions are accessible.)
- PCSync Connection: Connects to PC Sync with Infrared port. (Only some menus and functions are accessible.)
- Deactivate: Deactivates the Infrared port.

NOTE
WAP connection or Fax service through the infrared port is not supported. Depending on the specific Windows platform and system, you may not be able to connect.
For details, see the PC Sync Guide Manual to use various functions through the infrared port.

This menu can vary depending on the SIM and network services.

APPENDIX

1. Access Code
2. Check List
3. All about performance and safety
4. Glossary
5. Guaranty
6. Memo

Access Code

The following section describes various security codes.

PIN code (4 to 8 digits)

The PIN (Personal Identification Number) code protects your SIM card against unauthorized use. The PIN code is usually supplied with the SIM card. If you input the incorrect PIN code entry three times in a row, the PIN code will be blocked. If the PIN code is blocked, you need to unblock the PIN code before you can use the SIM card again. See information on the PUK code.

PIN2 code (4 to 8 digits)

The PIN2 code, supplied with some SIM cards, is required to access some functions, such as call cost counters.

Lock code (4 digits)

The lock code can be used to lock the handset and keypad to avoid unauthorized use.

NOTE

The factory setting for the lock code is 1234. To avoid unauthorised use of your handset, change the lock code. Keep the new code secret and in a safe place separate from your handset.

PUK and PUK2 codes (8 digits)

The PUK (Personal Unblocking Key) code is required to change a blocked PIN code. The PUK2 code is required to change a blocked PIN2 code. If the codes are not supplied with the SIM card, contact the operator whose SIM card is in your phone for the codes.

You can change the following codes: lock code, PIN code, and PIN2 code. These codes can include the numbers from 0 to 9 only.

NOTE

Avoid using access codes similar to the emergency numbers, such as 112, to prevent accidental dialing of the emergency number.

Call Barring Password (4 digits)

The call barring password is required when you use the Call Barring function. You obtain the password from your service provider when you subscribe to this function.

You can change this password using the Call barring menu option. For further details, see Menu 6.7.6.

Check List

If you experience any problem while using your cell phone, please refer to the following checklist. If the problem still persists, contact your dealer or nearest service centre.

When the "Insert SIM Card" message appears:

Make sure the SIM card is correctly installed. Check to see if the SIM card is working properly. If it does not work, try to clean the contact points of the card. If it is out of order, take it to the nearest service centre.

When the "Handset locked enter password" message appears:

Enter the handset password. If you cannot remember the password, contact the nearest service centre.

When the "Enter PIN1" message appears:

InputPIN1. If you cannot remember it, contact the nearest service centre. You can still receive calls even if your cell phone becomes locked after entering the incorrect PIN1 on three consecutive attempts.

When the "No service" or "Network failure" message appears:

Check the SSI (Signal Strength Indicator) state. If you cannot make a connection in underground areas or in buildings where signal strength may be low, try moving to another place. If you still cannot make a connection, contact the nearest service centre.

When audio quality is poor:

End a call and try again.

When the other party cannot hear you speaking:

Your handset may be set to MUTE. Disable the MUTE function.

When battery lifetime is shorter than usual:

This may happen when you are in an area with low signal strength. Turn off your handset when it is not in use. Change the battery when battery energy is exhausted.

When your cell phone does not turn on:

Make sure your battery is charged. Check to see if your phone works while recharging the battery.

When you are unable to send a message:

Either you are not registered to receive SMS service, or you may be in an area where your network service provider cannot provide such service.

When you are unable to make a call:

Your phone may be set to "fixed dial." Cancel the "fixed dial" function.

When you are unable to charge the battery:

This may be the result of one of the following three cases.

1. Your charger may be out of order. Contact your nearest dealer.
2. You may be attempting to use the phone in overly hot/cold temperature. Try changing the charging environment.
3. Your battery may have not been connected to the charger properly. Check the connector.

When you are unable to input data into the Phone Book:

Your Phone Book memory may be full. Try deleting some entries from your Phone Book.

When you are unable to select a certain function:

You may not have subscribed to that function, or your network service provider may be in an area where such service cannot be provided. Contact your local service provider.

All about performance and safety

The following list shows how to maintain your cell phone along with precautions.

- Keep your cell phone and its accessories out of the reach of children.
- Maintain your cell phone in dry condition and keep it within normal operating temperatures. Temperatures higher than 55 C (131 F) or lower than -20 C (-4 F) may damage your phone.
- Do not use or store your cell phone in dusty, dirty areas.
- Do not attempt to disassemble your cell phone.
- Do not drop or cause severe impact to the phone.
- Do not use chemical products, cleaning solvents or detergents to clean your cell phone.
- If your cell phone does not work properly, contact your dealer immediately.
- Use only authorized batteries, battery chargers and accessories. Any malfunction or damage caused by the use of unauthorized batteries, battery chargers and accessories will void the limited product warranty.
- Ensure that the grounding points of the battery and battery charger are not in direct contact with conductive objects.

Glossary

To help you understand the main technical terms and abbreviations used in this booklet and take full advantage of the features of your mobile phone, here are a few definitions.

Call Barring

Ability to restrict outgoing and incoming calls.

Call Diverting

Ability to re-route calls to another number.

Call Holding

Ability to put one call on standby while answering or making another call; you can then switch between the two calls, as required.

Call Waiting

Ability to inform users that they have an incoming call while engaged on another call.

CLI (Caller Line Identification) Services

Services allowing subscribers to view or block the telephone numbers of callers.

EMS (Enhanced Message Service)

Network service sending and receiving messages that include images, sounds and animations to and from another user without having to speak to the correspondent.

GPRS (General Packet Radio Service)

New non-voice value-added service that allows information to be sent and received across a mobile telephone network. GPRS guaranties continuous connection to the Internet for mobile phone and computer users. It is based on the Global System for Mobile Communication (GSM) circuit-switched mobile phone connections and the Short Message Service (SMS).

GSM (Global System for Mobile Communication)

International standard for mobile phone communication, guaranteeing compatibility between the various network operators. GSM covers most European countries and many other parts of the world.

Multiparty Calling

Ability to establish a conference call involving up to five additional parties.

PIN (Personal Identification Number)

Security code that protects the phone/SIM against unauthorized use. The PIN is supplied by the service provider with the SIM card. It may be a four to eight-digit number and can be changed, as required.

PUK (PIN Unblocking Key)

Security code used to unlock the phone when an incorrect PIN has been entered three times in succession. The eight-digit number is supplied by the service provider with the SIM card.

Roaming

Use of your phone when you are outside your home area (when travelling for example).

SIM (Subscriber Identification Module)

Card containing a chip with all the information required to operate the phone (network and memory information, as well as the subscriber’s personal data).
The SIM card fits into a small slot on the back of the phone and is protected by the battery.

SMS (Short Message Service)

Network service sending and receiving messages to and from another subscriber without having to speak to the correspondent. The message created or received can be displayed, received, edited or sent.

Soft Keys

Two keys marked and on the phone, that:

- varies according to the function that you are currently using
- is indicated on the bottom line of the display just above the corresponding key

Voice Mail

Computerized answering service that automatically answers your calls when you are not available, plays a greeting (optionally in your own voice) and records a message.